

**ABSTRACT OF THE DISCLOSURE**  
**GEAR PUMP WITH GEARS HAVING CURVED TEETH**  
**AND METHOD OF FEEDING ELASTOMERIC MATERIAL**

5        A gear pump and method for pumping elastomeric material having two gears with meshing herringbone gear teeth. Each of the gear teeth has helical side portions and a curved central portion which extends circumferentially of the gear a distance equal to at least one half the pitch of the gear teeth to provide a continuous squeezing contact between the teeth of the two gears for pumping a uniform strip of elastomeric material from the gear  
10      pump.